

Special Section on Wideband Systems

The IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences announces a forthcoming special section on Wideband Systems (WBS) to be published in **January 2013**.

The objective of this Special Section is to discuss, through papers, theoretical and practical issues concerned with wideband systems. The topics of interests within the scope of this Special Section include, but are not limited to, the following areas:

- **Wideband systems:**

Green communications, Power-line communications, high speed distributed subscriber-line communication, intelligent transport systems (ITS), spread spectrum techniques, multi-carrier communication and OFDM, ultra wideband (UWB) techniques, chaos communication, optical communication, visible-light communication, software defined radio, digital TV systems, wireless LAN/MAN, etc.

- **Schemes for wideband systems:**

Modulation & demodulation, acquisition & tracking, error correction techniques, multiple access techniques (CDMA, SDMA, TDMA, FDMA, and hybrid techniques), signal processing, modeling, distance measurement, MIMO techniques, etc.

- **Devices and modules for wideband systems:**

Acquisition circuits, low power consumption techniques, modems, antennas, amplifiers (PA & LNA), LSI fabrication, high speed operation, etc.

Prospective authors are requested to prepare a manuscript according to the guidelines given in the "Information for Authors." The latest version is available for download at <http://www.ieice.org/eng/shiori/index.html>. It is recommended that the length of papers and letters for this special section are within 8 and 2 pages, respectively. The deadline for submission is **March 16, 2012**.

Papers for this Special Section will only be accepted through electronic submission. Prospective authors are requested to follow carefully the submission process described below.

1. Submit a paper using the IEICE Web site https://review.ieice.org/regist_e.aspx. E-mail submissions are **NOT** acceptable. Authors should choose the [*Special-EA*] *Wideband Systems* as a "Type of Issue (Section)/Category of Transactions" on the online screen. Do not choose [*Regular-EA*].
2. Send the "Copyright Transfer and Page Charge Agreement" and the "Confirmation Sheet of Manuscript Registration" to Dr. Fumie ONO (Secretary) by E-mail, Fax, or postal mail. Please mark "Special section on Wideband Systems" on the envelope.

ATTENTION: Please note that we cannot start the review process without the "Copyright Transfer and Page Charge Agreement" and the "Confirmation Sheet of Manuscript Registration".

3. The term for revising the manuscript after acknowledgement of conditional acceptance for this special section could be shorter than 60 days because of the tight schedule for review.

*Please note that if accepted, all authors, including authors of invited papers, are obliged to pay for the page charges covering partial cost of publication. The table of page charges is available from <http://www.ieice.org/eng/shiori/appb.html>.

WBS Student Paper Award: Among accepted papers, the Technical Committee on Wideband System will offer awards to excellent student papers. To be eligible, the first author of the paper must be a student.

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Please note that for the submission to this Special Section, at least one author of each paper must be a member of the IEICE. We strongly recommend that all authors apply for our membership. For membership applications, please visit the web-page, <http://www.ieice.org/eng/member/OM-appli.html>